

C1  
cont

removed from the solid support before the biological material is contacted with the solid support.

C2

26. A process for amplifying DNA sequences, wherein the process comprises the steps of:

- (a) contacting a biological material that contains DNA with a solid support treated with a lysing reagent wherein the solid support has not contacted the biological material at the time of treatment;
- (b) treating the biological material with a DNA purifying reagent;
- (c) purifying the DNA; and

applying the purified DNA to an amplification system, wherein the lysing reagent is bound to the solid support and any unbound lysing reagent is removed from the solid support before the biological material is contacted with the solid support.

C3

28. The process of claims 26 or 27, wherein the solid support is contained in a vessel, wherein the vessel is selected from the group consisting of centrifuge tubes, spin tubes, syringes, cartridges, chambers, multiple-well plates, test tubes, and combinations thereof.

C4

33. The process of claims 26 or 27, wherein the solid support is selected from the group consisting of cellulose, cellulose acetate, glass fiber, nitrocellulose, nylon, polyester, polyethersulfone, polyolefin, polyvinylidene fluoride, and combinations thereof.

C5  
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D1

54. A process for characterizing DNA comprising a step of isolating nucleic acids, wherein the step of isolating comprises the steps of:

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D1
- (a) contacting a biological material that contains DNA with a solid support treated with a lysing reagent wherein the solid support has not contacted the biological material at the time of treatment;
  - (b) heating the solid support;
  - (c) treating the biological material that contains DNA with a DNA purifying reagent;
  - (d) purifying the DNA from the remainder of the biological material; and
  - (e) analyzing the purified DNA;

wherein the lysing reagent is bound to the solid support; wherein the lysing reagent is bound to the solid support and dried to the solid support.

### RESPONSE

This is a response to the outstanding office action, dated November 22, 2000. A petition for a two month extension of time, up to and including April 22, 2001 accompanies this response.

### CLAIM OBJECTIONS

Item # 5. The Examiner states that "[c]laims 28 and 33-41 are in improper Markush form.

It is respectfully pointed out to the Examiner that the amendments to the claims remove the basis for this objection.

### 35 USC 112

Item # 6-A1. The Examiner states that "[c]laims 1-10, 12-62 are indefinite over the recitation 'wherein the lysing reagent is bound to the solid support' in Claim 1, line 9 and 11." The Examiner states that "it appears that this phrase appears twice in the claims, thus a little